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WFP Ref. No.: PR2
Last Updated: February 9, 1996

A. Cruise Narrative

A.1 Highlights

A.1.a WOCE designation PR2

A.1.b EXPOCODE 49RY9101/1

A.1.c Chief Scientist Jun'ichi Oyama,
Japan Meteorological Agency,
1-3-4, Otemachi, Chiyoda-ku,
Tokyo 100, Japan

A.1.d Ship R/V Ryofu Maru

A.1.e Ports of call Leg 1: Tokyo, Japan to Naha, Japan

A.1.f Cruise dates Leg 1: January 18, 1991 to February 6, 1991

A.2 Cruise Summary Information

A.2.a Geographic boundaries

A.2.b Stations occupied

Observations of PR2 were carried out as part of the R/V Ryofu Maru cruise RY9101 Leg 1.

Number of Stations

A total of 33 CTD/rosette stations for PR2 was occupied using a General Oceanics 12 bottle rosette equipped with 12 1.7-liter Niskin water sample bottles, and an NBIS MK III B CTD. No additional sensors were used with the CTD system.

Sampling

The following water sample measurements were made: salinity, oxygen, nitrate, nitrite and phosphate on all stations. The depths sampled were: 10, 25, 50, 75, 100, 125, 150, 175, 200, 250, 300, 400, 500, 600, 700, 800, 900, 1000, 1250, 1500, 2000, 2500, 3000, 4000 in meters at every 5 degrees in latitude. On other stations, water samples were taken at shallower depths than 1250m. Surface water samples were collected by a bucket at every station.

A.2.c Floats and drifters deployed

A.2.d Moorings deployed or recovered

A.3 List of Principal Investigators

The principal investigators responsible for each parameter measured on the cruise are listed in Table 1. (All the correspondence on these data should be addressed to the Director of the Oceanographical Division, Marine Department, Japan Meteorological Agency.)

Name	Responsibility	Affiliation
H. Minami	CTD, S	JMA/MD
K. Fushimi	O2, Nutrients	JMA/MD

JMA/MD Marine Department, Japan Meteorological Agency

A.4 Scientific Programme and Methods

A.5 Major Problems and Goals not Achieved

A.6 Other Incidents of Note